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WASHINGTON, D.C. 20231

ATTENTION: BOX PATENT APPLICATION

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): J. Andrea McCart, 245 Fairview Avenue, Toronto, Ontario, Canada M6P 3R6,

David L. Bartlett, 13309 Chestnut Oak Drive, Darnestown, MD 20878, and

Bernard Moss, 10301 Dickens Court, Bethesda, MD 20814

For: A COMBINED GROWTH FACTOR-DELETED AND THYMIDINE KINASE-DELETED VACCINIA
VIRUS VECTOR

Enclosed are:

- (X) Six (6) sheet(s) of formal drawings.
- (X) Return prepaid postcard.
- (X) This application claims the benefit of priority from PCT/US00/14679, filed May 26, 2000, which claims the benefit of priority from U.S. Provisional Patent Application No. 60/137,126, filed May 28, 1999, each of which is hereby incorporated by reference in their entirety.
- (X) Incorporation by Reference. The entire disclosure of the prior application is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

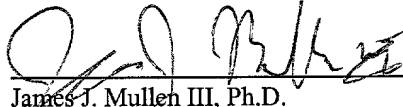
The present application qualifies for small entity status under 37 C.F.R. § 1.27. The fees are calculated below:

CLAIMS AS FILED				
FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$370	\$370
Total Claims	26 - 20 =	6 ×	\$9	\$54
Independent Claims	4 - 3 =	1 ×	\$42	\$42
If application contains any multiple dependent claims(s), then add			\$140	\$-0-
TOTAL FILING FEE		\$466		

- (X) A check in the amount of \$466 to cover the filing fee is enclosed.

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- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.
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James J. Mullen III, Ph.D.

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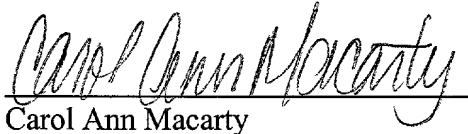
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Attorney Docket No. : NIH174.001C1
Applicant(s) : McCart et al.
For : A COMBINED GROWTH FACTOR-
DELETED AND THYMIDINE KINASE-
DELETED VACCINIA VIRUS VECTOR
Attorney : James J. Mullen III, Ph.D.
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I hereby certify that the accompanying

Transmittal letter; specification in 70 pages; 6 sheets of drawings; Check for
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are being deposited with the United States Postal Service "Express Mail Post Office to
Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the
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Carol Ann Macarty

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